

NATURAL RESOURCES CONSERVATION SERVICE
ALASKA
DOCUMENTATION CHECK LIST

DAM (402)

1. Surveys and notes are in accordance with Engineering Technical Release 62 and National Engineering Manual Part 540. _____
2. Standard drawings or sheet sizes are used. _____
3. Easements, rights-of-way and applicable state permits obtained for water storage and dam construction. _____
4. Engineering job classification is shown and proper engineering approval obtained. _____
5. Computations and/or field data are recorded for hazard classification, foundation Investigation, hydrology, borrow areas, spillways, embankment and drainage requirements. _____
6. The drawings and/or special specifications show:
 - a. Plan layout, embankment profile, and cross sections. _____
 - b. Spillway profile and cross sections. _____
 - c. Conduit location, size, type of pipe, grade, cutoff collars, cradle, joints, etc. as required. _____
 - d. Inlet and outlet structures details showing dimensioning and reinforcement requirements. _____
 - e. Cutoff trench cross section. _____
 - f. Special foundation treatment if needed. _____
 - g. Special requirements for diverting water, dewatering, and keeping work area dry. _____
 - h. Borrow areas or other sources of material. _____
 - i. Special requirements for disposal of waste materials. _____
 - j. Limits for fencing and rock riprap. _____
 - k. Seeding requirements. _____
 - l. Method of measurement and payment if needed. _____
7. Cooperator's signature of approval has been obtained. _____
8. Final measurements show:
 - a. Profile notes along centerline of top of completed embankment. _____
 - b. Cross section notes at one or more locations of the completed embankment and emergency spillway. _____
 - c. Profile notes along centerline of construction part of earth spillway. _____
 - d. Dimensions and type of pipe of principal spillway or trickle tube. _____
 - e. Elevation of crest of inlet and invert of barrel at outlet end of pipe spillway. _____

- f. Statement on conditions or adequacy of vegetation on the embankment, spillway or borrow area. _____
 - g. Location and size of valves, gates, gate stems, stilling basins, and catwalks. _____
 - h. Type and location of fencing where appropriate. _____
9. Changes in design are documented. _____
10. Project is on the conservation plan map – use standard map symbols. _____
11. Certification by technician that work meets plans and specifications. _____